

REMARKS

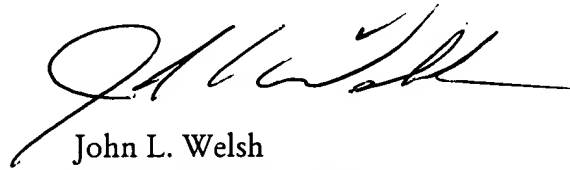
Reconsideration of this application is respectfully requested in view of the foregoing amendment and the remarks that follow. The previous claims 7-10 were cancelled in favor of the new sets of claims which claim the same structure without the "as viewed" language. Claims 15 and were added to point out that the one section was smaller than the other.

As discussed during the interview the "as viewed" language has been removed from the claims. Now that this language has been removed, the claims are no longer subject to the broad interpretation. That is the prior art of Kallio cannot be viewed so as to show the claimed structure. The claims no longer recite structure as viewed, but recite structure in relation to itself. The claims call for a tooth face having two sections between the lateral cutting edge and central cutter axis wherein the first section is convex and the second section is concave. The lateral cutting edge is definite language which has meaning within the art and cutting edge 31 in Kallio is certainly not lateral. It extends perpendicular to the cutter axis and does not cut parallel thereto.

In fact, the Kallio structure is the exact opposite to what has been claimed. As groove 32 is the nearest to cutting edge 31 and thus is the first section which is concave and 26 is the second section which is convex. Further cutting edge 31 cuts perpendicular not parallel which is in contrast to what has now been clear defined in the claims.

It is believed that this case is in condition for allowance and reconsideration thereof and early issuance is respectfully requested. If it is felt that an additional interview would expedite prosecution of this application, please do not hesitate to contact applicants' representative at the below number.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'John L. Welsh', written in a cursive style.

John L. Welsh
Registration No. 33,621

WELSH & FLAXMAN LLC
2341 Jefferson Davis Highway
Suite 112
Arlington, Virginia 22202
Telephone: (703) 920-1122

Docket No. P-68422-US

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Cancel claims 1-7. Insert in their place the following new claims.

11. A rotary multi-tooth milling cutter with at least one tooth including a lateral cutting edge which rotates about a central cutter axis and cuts generally parallel thereto, the tooth further including a tooth face between the cutting edge and the central cutter axis, the tooth face comprising:

at least two sections between the cutting edge and central cutter axis, a first section nearest the cutting edge being convex and the second section being concave.

12. The milling cutter as claimed in claim 1, wherein the length of the first section on the tooth face is 20% or less than the length of the tooth face between the cutting edge and central cutter axis.

13. The milling cutter as claimed in claim 1, wherein the first section blends tangentially into the second section.

14. The milling cutter as claimed in claim 1, further including a concave chip-breaking section located between the first and second sections of the tooth face.

15. The milling cutter as claimed in claim 1, wherein the first section is smaller in length than the second section.

16. A rotary multi-tooth milling cutter with at least one tooth including a lateral cutting edge which rotates about a central cutter axis, the lateral cutting edge extending along the length of the central cutter axis and cuts parallel to the central cutter axis, the tooth further including a tooth face between the cutting edge and the central cutter axis, the tooth face comprising:
at least two sections between the cutting edge and central cutter axis, a first section nearest the cutting edge being convex and the second section being concave.

17. The milling cutter as claimed in claim 1, wherein the length of the first section on the tooth face is 20% or less than the length of the tooth face between the cutting edge and central cutter axis.

18. The milling cutter as claimed in claim 1, wherein the first section blends tangentially into the second section.

19. The milling cutter as claimed in claim 1, further including a concave chip-breaking section located between the first and second sections of the tooth face.

20. The milling cutter as claimed in claim 1, wherein the first section is smaller in length than the second section.